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95. (ADDED) The apparatus of claim 93, where said copper oxide material exhibits a mixed valence state.

REMARKS


Claims 1-95 are now in the application. Claims 91-95 have been added by this amendment. Changes have been made to correct minor errors in the specification and to change some of the claims 1-90. The changes to these claims do not substantially alter them, as these amended claims are still directed to combinations wherein a supercurrent is passed through the material while it is in a superconductive state at a temperature in excess of 26K.

New claims 91-95 are directed to combinations wherein an electrical current is passed through a composition at a temperature in excess of 26K, where the composition exhibits an onset of a substantially zero resistance state, or superconductivity, at a temperature in excess of 26K. These claims are supported by the teaching of the Bednorz and Mueller publication of September 1986. As previously noted, these inventors were the first to discover this new class of superconducting materials.

The examiner is requested to consider this application
in view of these changes and the remarks hereinabove.

Respectfully submitted,

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